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Regional Document Delivery System Annual Report for FY 89

October 1, 1988 to September 30, 1989

by Veronica Lefebvre
RDDS Coordinator

Document delivery needs of the U.S. Department of Agriculture (USDA) researchers in 35 states and Puerto Rico are met by the Regional Document Delivery System (RDDS). Eight land-grant university libraries serve as the regional coordinators for the libraries in the system. USDA researchers submit their requests directly to either their local USDA library or land-grant university library, which provides the documents or refers the request to the regional coordinating library serving as the backup library. If the regional library cannot provide the documents, the requests are forwarded to the National Agricultural Library (NAL). This gives USDA staff direct access to materials in many collections and expedient document delivery service from local sources.

Document Delivery

The system supplied 78% of the material requested; 2,913 loans, and 57,128

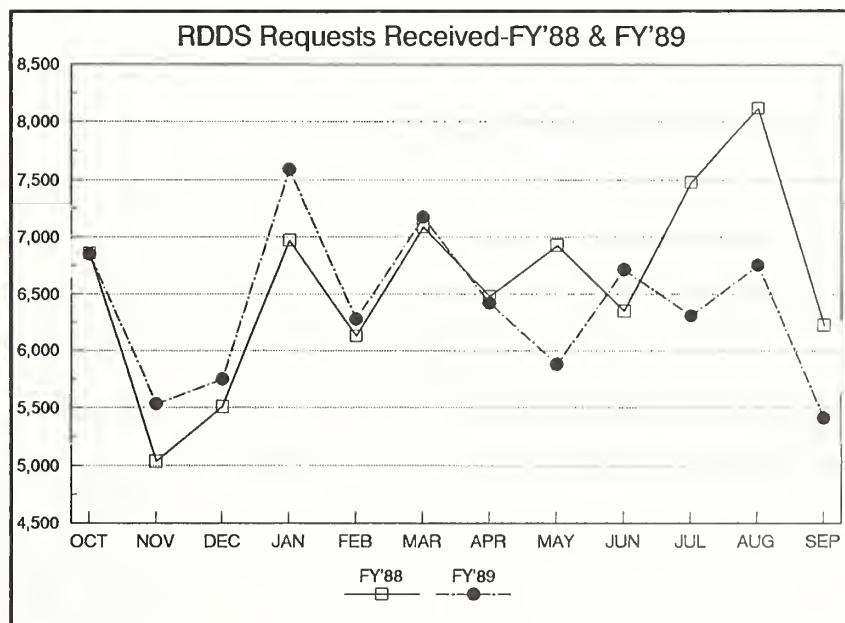


Figure 1

Also in this issue...

- ARS/NAL Library Project Update, pp. 5-8
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- Visiting Scholars & Other Visitors, pp. 12-17
- Women's History Month at NAL, p. 18
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- New Bibliographies, pp. 22
- Agriculture Datebook, pp. 10, 23
- ...and more

RDDS Filled and Referred by Region for FY '88 and FY '89

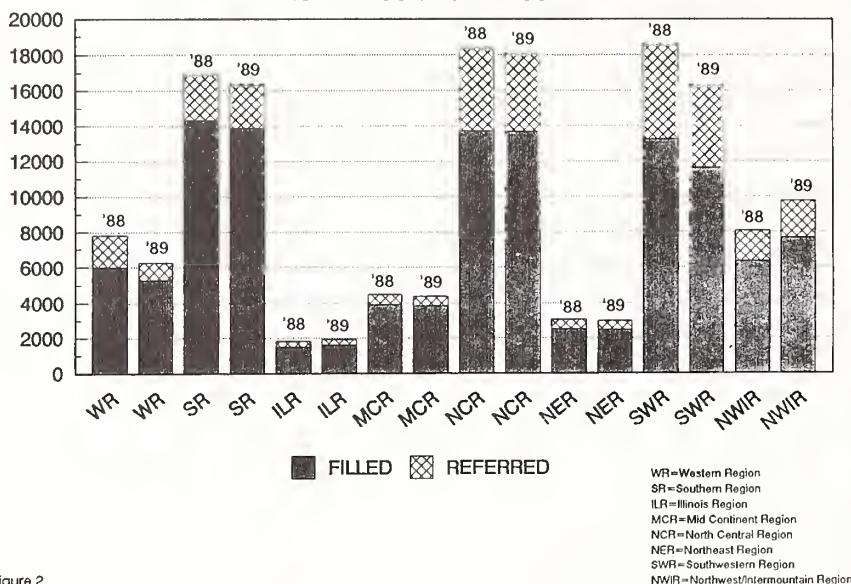


Figure 2

photocopies, for a total of 60,014 requests in fiscal year (FY) 1989.

Region	Received	Filled	Fill Rate
Illinois	2,319	1,601	69%
Mid-Continent	4,728	3,830	81%
North Central	16,189	13,687	85%
Northeast	3,048	2,482	81%
Northwest- Intermountain	10,287	7,672	75%
Southern	17,330	13,898	80%
Southwestern	16,380	11,603	71%
Western	6,401	5,268	82%
TOTAL	77,682	60,041	78%

Volumes fluctuated again in fiscal year 1989. A pattern of peaks and valleys present in the first half of the year ended in May when the request volume declined. The request volume peaked again in June after which volume declined (Figure 1). See additional graphs throughout the report.

Factors Resulting in Non-Availability of Material Throughout the System:

- Requests for materials not available to libraries (non-conventional publications, foreign dissertations, etc.);
- Increase in requests for out-of-scope materials (patents, standards, etc.);
- Requests received in advance of the receipt of the journal issues (this is common with requests from Current Contents);
- Materials at the bindery or on loan;
- Reduction in funds for journal subscriptions including duplicate subscriptions for heavily requested titles.

Site Visits

In FY 1989 site visits were made to two of the regional coordinating libraries, the University of Georgia and Texas A&M University, and to one system library, the University of Florida. Discussions centered on service, costs, and volume of requests. Meetings were held with the researchers at these locations to determine their needs and to explore alternate methods of document delivery service.

Remote Users

In an effort to support remote users and provide a mechanism for urgent requests, NAL surveyed the land-grant university libraries to determine what services were available. Twenty-two of the thirty-six libraries (61%) provided some form of telefacsimile service. Five of the eight regions provided telefacsimile service. NAL provided the necessary funding to support the purchase of telefacsimile equipment for the three regional coordinating libraries and two state libraries which did not offer telefacsimile service. Urgent requests can be faxed through the system or directly to

REGIONAL DOCUMENT DELIVERY SYSTEM FY 1989 ACTIVITY

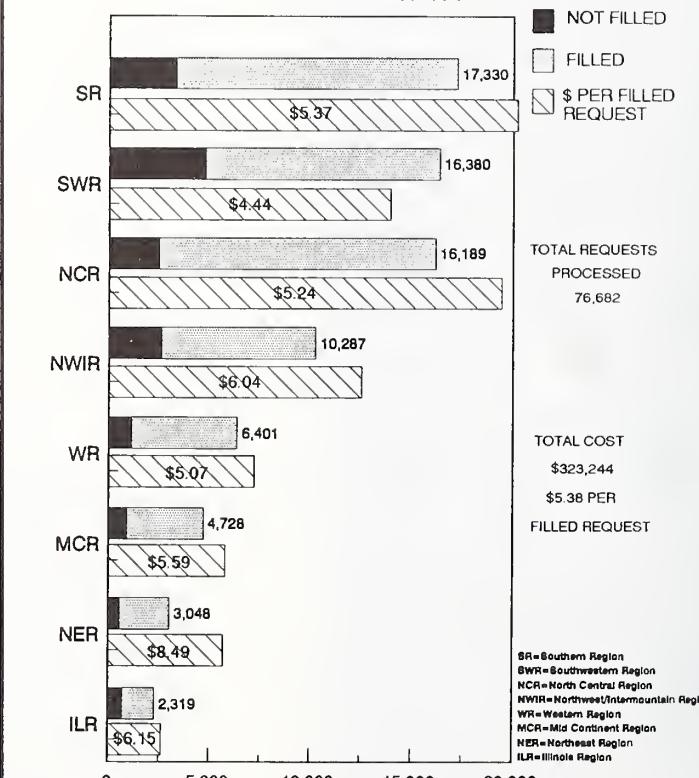
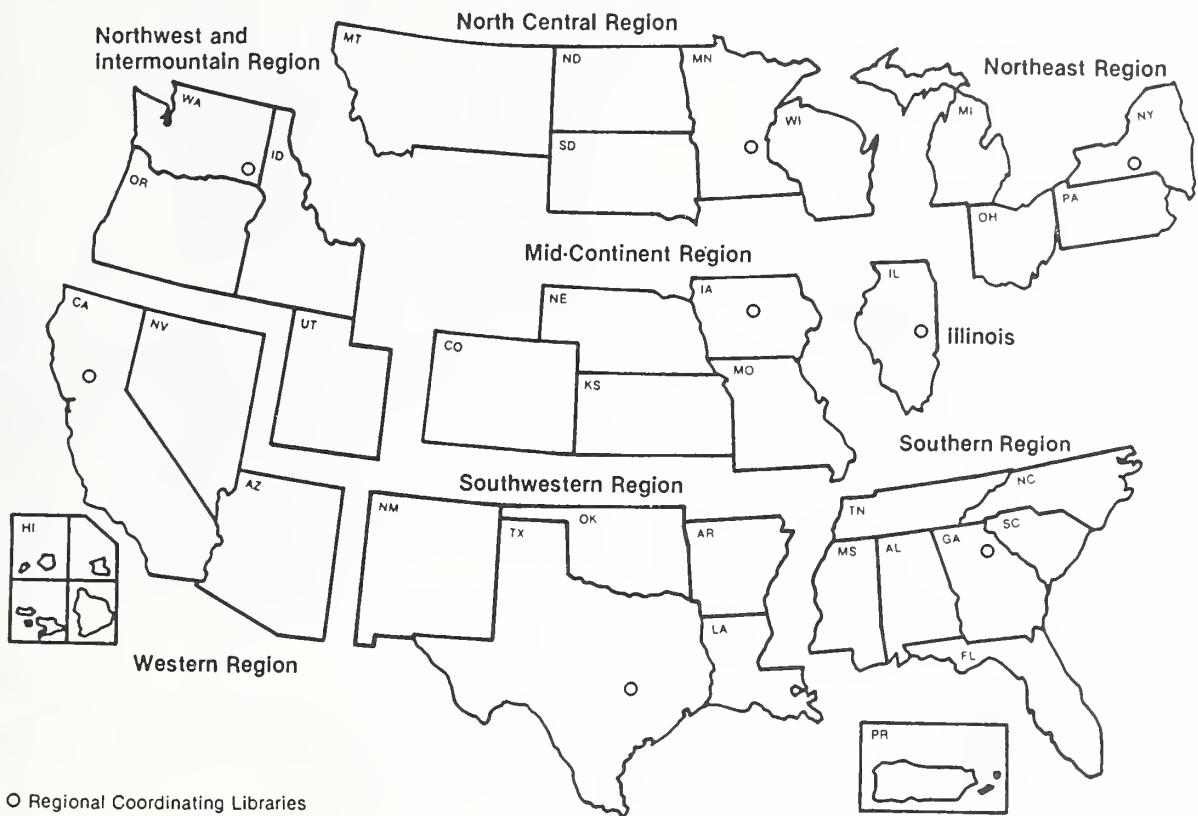


Figure 3

U.S.D.A. Regional Document Delivery System



NAL. In the six states which do not offer telefacsimile service, urgent requests can be faxed directly to the regional coordinating library or to NAL.

Meetings

The Lending Branch held RDDS meetings at the Special Libraries Association (SLA) meeting in New York, and at the American Library Association (ALA) meeting in Dallas. Discussions centered on the volume of requests, funding levels, future requirements, telefacsimile service, and a review of the current activities. A similar meeting is planned for FY 1990 at the ALA meeting in Chicago.

Funding

In July of each year regional coordinators are faced with the challenge of determining the funding required to operate the region for the next year. Volume throughout the region is often unpredictable. If a scientist or research program moves from one region to another during the year, the volume of work can change dramatically. Increased costs at the state level are passed through the region to NAL. State funding is based on the in-state user fee for document delivery plus a referral fee, postage, and telecommunication costs. Regional coordinating libraries receive additional funding to cover the costs of coordinating the System, financial and statistical reports, and administrative paperwork.

Some states have kept their prices at the same level for several years.

Funding Fiscal 1989

Original	\$285,000
Additional	41,408
Total	\$326,408

Factors which Influence Costs:

- State-mandated salary and benefit increases for regional coordinators;
- Increased costs of supplies;
- Increased communication costs;
- Increased in-state user fees;
- Increased volume of requests (for some regions).

Statistical Summary

Regional Document Delivery System FY 1989 annual statistics show:

- 3 percent drop in the number of requests received;
- 1 percent increase in the number of requests filled;
- Average cost to NAL of \$5.38 per request filled;
- Overall cost increase of 13 percent from \$281,886 in FY 1988 to \$323,244 in FY 1989;
- 18 percent as largest increase in the number of requests received—Northwest-Intermountain Region

(Washington, Oregon, Utah and Idaho) 8,436 in FY 1988 to 10,287 in FY 1989;

- 20 percent as the largest decrease in the number of requests received - Western Region (California, Arizona, and Nevada) 8,032 in FY 1988 to 6,401 in FY 1989.

RDDS Requests Received by Region

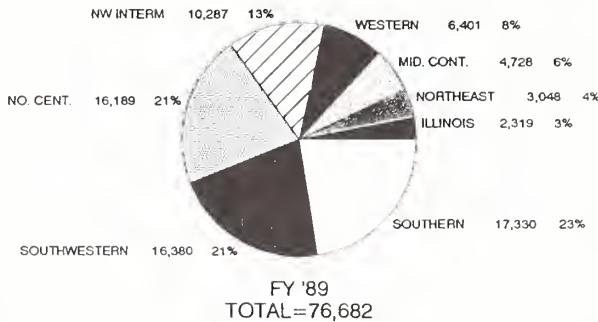
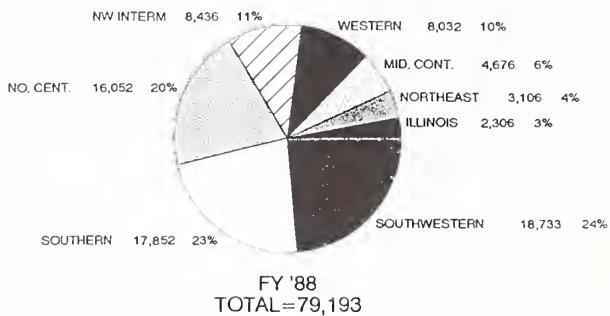


Figure 4

Regional Document Delivery System Participants

Mid-Content Region

*Iowa State University
Colorado State University
Kansas State University
University of Missouri-Columbia
University of Nebraska

North Central Region

*University of Minnesota
Montana State University
University of Montana
North Dakota State University
South Dakota State University
University of Wisconsin

Northeast Region

*Cornell University (includes Pennsylvania)
Michigan State University
Ohio State University
Ohio Agricultural Research and Development Center

DOCUMENT DELIVERY ACTIVITY

FY'88 & FY'89

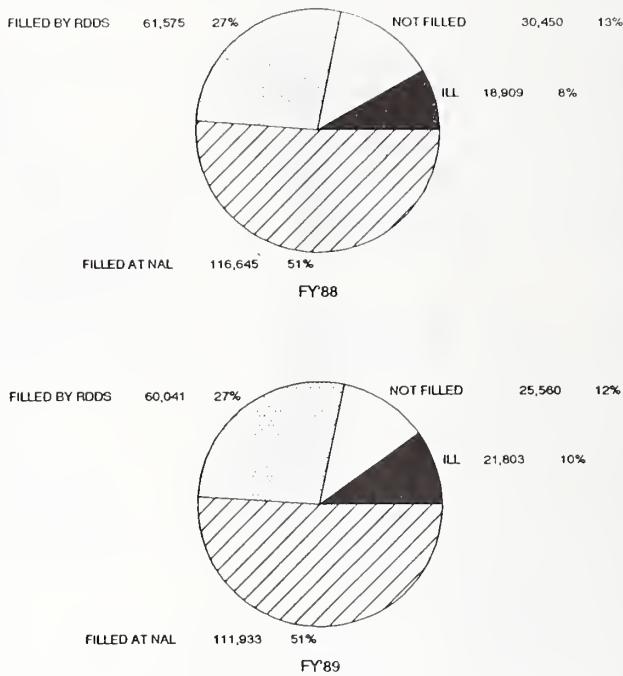


Figure 5

Northwest-Intermountain Region

*Washington State University (includes Oregon)
University of Idaho
Utah State University

Southern Region

*University of Georgia
Auburn University
University of Florida
Mississippi State University
North Carolina State University
University of Puerto Rico
Clemson University
University of Tennessee

Illinois Region

*University of Illinois

Southwestern Region

*Texas A&M University
University of Arkansas
Louisiana State University
New Mexico State University
Oklahoma State University

Western Region

*University of California-Davis
University of Arizona
University of California-Riverside
University of Hawaii
University of Nevada
*Coordinator



photo: J. Swab

Participants in the Librarians portion of the NAL/ARS Meeting (see participants list for library names and titles): (L-R) Suhad Wojkowski, Jo Ann Schoonmaker, Arlene Luchsinger, Ted Sibia, Peggy Beavers, Rena Schonbrun, Wendy Kramer, Carol Ditzler, Walt Winant, Veronica Lefebvre, and Idalia Acosta.



News from Other Libraries

ARS/NAL Project Planning Meeting & Staff Development Program

"Better service is imperative—our researchers deserve the best kind of help they can get," said NAL Director Joseph H. Howard at a session of the joint NAL/ARS meeting March 4-9, 1990. In Beltsville the NAL staff met with the Agricultural Research Service Regional Research Center (RRC) directors, librarians, library committee chairs, and project cooperators.

Participants convened to review accomplishments and plan future directions for the ARS/NAL Project initiatives. The 2-day meeting was held in conjunction with NAL's 1990 staff development and training program for ARS RRC librarians. The annual Computers in Libraries (CIL) Conference held in Crystal City, Arlington, Virginia, earlier that week served as part of this year's training forum for ARS

librarians. The CIL Conference focused on CD-ROM products and services and integrated online library systems, which are of particular relevance to several ARS/NAL Project initiatives at this time.

The ARS/NAL Project's planning sessions focused on automation issues and steps needed by NAL and ARS to develop a more unified network utilizing electronic linkages between NAL and ARS libraries and among ARS libraries and other libraries within the agricultural community.

Dr. William H. Tallent, Assistant Administrator, Office of Cooperative Interactions, and key ARS resource on cooperation between NAL and ARS, spoke on the ARS perspective of joint efforts between the two agencies. He said, "We are in the midst of an information revolution—we have to stay abreast of this revolution and systems—networking with NAL is necessary if each laboratory is to remain state-of-the-art."

Mr. Howard hosted a RAP session for Center directors and library committee chairmen on Thursday morning to discuss cooperation between the Library and the ARS Regional Research Centers. Paul Hosman and Maria Stransky demonstrated AGRICOLA on CD-ROM, REGIS, ISIS, the OGPA photographs disk, and text digitizing.

NAL staff provided updates on NAL programs, services, products, and staff reorganizations for the ARS librarians. The ARS librarians also heard invited speakers from FEDLINK. They were Mary B. Levering, Federal Library and Information Center Committee (FLICC) Acting Executive Director, who provided a brief state-of-FEDLINK overview; Milton McGee, FEDLINK Coordinator and Meg Wil-



photo: J. Swab

Maria Stransky (left) demonstrates NAL's Integrated System for Information Services (ISIS) to the representatives of the regional research centers (see participants list for titles and center names: (L-R) Linda Dornelsmith, John Bernardin, Michael Haas, John Barkate, Virginia Holsinger, Richard Dunkle, and David Labeda.

liams, Network Librarian, who spoke about FEDLINK services.

FEDLINK has experienced a tremendous growth in services since 1981. Without adequate infrastructure, problems resulted that led to an audit, investigation, and moratorium on some services. FLICC and FEDLINK have re-examined all services and over the next few years will work toward setting up a structure and streamlining procedures. FEDLINK is enhancing its training program and expects to list available courses on ALIX, its electronic bulletin board. It is also interested in workshop sponsors in other geographic areas. FEDLINK encourages its subscribers to use ALIX to communicate with FEDLINK staff on service and program issues.

Arlene Luchsinger, Assistant University Librarian, University of Georgia (UGA) and ISIS evaluation study coordinator, reported findings gathered from ARS RRC librarians on use of ISIS during the first six months of the ISIS study. The data revealed ARS librarians and Research Center staff have positive attitudes and have had good experiences with ISIS. Evaluation of the ISIS system is continuing and the ARS RRC librarians and patrons will participate in the evaluation study through September 1990. Marlena Wald, UGA, developed a brief ISIS search manual which was used in February in an ISIS training session for ARS researchers and scientists at the Southern Fruit and Tree Nut Research Laboratory in Byron, Georgia.

Ted Sibia, Head, Bio/Ag Department, Shields Library, University of California, Davis, and cooperator for the NAL/UC

Service personnel.

—Peggy J. Beavers

Participants in the Joint NAL/ARS Meetings March 8-9, 1990

ARS: William H. Tallent, Assistant Administrator, Cooperative Interactions.

Eastern RRC: Virginia Holsinger, Acting Director; Wendy Kramer, Librarian; Michael Haas, Chair, Library



photo: J. Swab

Mary B. Levering, Acting Executive Director of FLICC, and one of the speakers at the NAL/ARS meetings (center), discusses common concerns with Joseph H. Howard, NAL Director, and Maria Pisa, Assistant Director for Policy and Planning.



photo: J. Swab

Among NAL staff making presentations at the NAL/ARS meetings were (L-R): Caroline Early, Ellen Pletsch, Robbie Rand, Peggy Beavers, and Michael Esman.



photo: J. Swab

One of the speakers, FEDLINK Coordinator, Milton McGee, and Peggy Beavers, ARS Coordinator.

Committee.

Northern RRC: Richard Dunkle, Associate Director; David Labcda, Chair, Library Committee.

Russell RC: Jo Ann Schoonmaker, Librarian.

Southern RRC: John Barkate, Director; Suhad Wojkowski, Librarian; Linda Domelsmith, Chair, Library Committee.

Western RRC: Rena Schonbrun, Librarian; John Bernardin, Chair, Library Committee.

Beckley: Paul Murrmann, Director; Walt Winant, Information Specialist.

University of California, Davis: Ted Sibia, Head, Bio/Ag Department, Shields Library.

University of Georgia: Arlene Luchsinger, Assistant Director for Libraries

FLICC (Federal Library and Information Center Committee): Mary B. Levering, Acting Executive Director; Milton McGee, FEDLINK Coordinator; Meg Williams, Net-



photo: J. Swab

William H. Tallent, Assistant Administrator, Cooperative Interactions, ARS, addresses the general session of the NAL/ARS meetings.



photo: J. Swab

Caroline Early, Head, Acquisitions and Serials Branch, NAL, makes a presentation at the general session of the NAL/ARS meetings.

work Librarian.

NAL: Joseph H. Howard, Director; Maria Pisa, Assistant Director for Policy and Planning; Pamela Andre, Associate Director for Automation; Sarah Thomas, Associate Director for Technical Services; Peggy Beavers, ARS Coordinator; Idalia Acosta, Head, Cataloging Branch; Shirley Edwards, Head, Indexing Branch; Caroline Early, Head, Acquisitions & Serials Branch; Carol Ditzler, Head, Lending Branch; Robyn Frank, Head, Information Centers Branch; Veronica LeFebvre, RDDS Coordinator; Robbie Rand, ISIS Coordinator; Gary McConaughay, Head, Database Admin. Branch; Claudia Weston, Systems Librarian, TSD; Ellen Pletsch, Acquisitions & Serials; Michael Esman, Cataloging Branch; Paul Hosman, Special Services; Maria Stransky, Indexing; Pamela Mason, ISD; Joseph Swab, Public Affairs, Office of the Director.

NAL & UC Davis Library to Aid ARS Laboratories

The National Agricultural Library (NAL) and General Library of the University of California, Davis, have formally agreed to cooperate in investigating ways to improve information services for Agricultural Research Service (ARS) personnel stationed in locations without convenient access to library services. Joseph H. Howard, NAL director, and Beverlee French, Assistant University Librarian for the Sciences, University of California, Davis, and the project's coordinator, made the joint announcement. "We expect this agreement will lead to improved library services for ARS laboratories," Howard said. "Improving these services will enable ARS to continue, and enhance, the high quality of its agricultural research and development efforts."

The agreement is the outgrowth of a joint NAL/ARS review of ARS field libraries conducted in 1988. The review found that many of the 122 ARS laboratories located in the United States and overseas are without access to ARS libraries. Currently, ARS maintains 10 field libraries. Five of these are maintained at ARS Regional Research Centers located in Albany, California; Athens, Georgia; Peoria, Illinois; New Orleans, Louisiana; and Philadelphia, Pennsylvania.

Under the cooperative agreement, UC Davis librarians, in conjunction with NAL, will assess the current information needs of ARS researchers in locations with limited library services. NAL and UC Davis expect the assessment will determine the minimum levels of information services needed at these ARS laboratories and provide strategies for improving information services at these sites. These strategies would include: developing training models for bibliographic instruction, file management, electronic bulletin boards and other information systems; providing manuals on ARS library procedures and services; and recommending computer hardware and software for accessing NAL's automated files and services.

For additional information contact:

Peggy Beavers
NAL/ARS Coordinator
Public Services, Room 100
National Agricultural Library
10301 Baltimore Boulevard
Beltsville, MD 20705

Or call: (301) 344-3834

Or contact:

Ted Sibia
Head, Bio/Ag Department
Shields Library
University of California, Davis
Davis, California 95616

Telephone: (916) 752-6166



New Publications of Note

Pacific Aquaculture Bibliography Available

The National Agricultural Library has published a cooperative work entitled "Aquaculture in the Northeast Pacific: A Bibliography" as Number 93 of the USDA series *Bibliographies and Literature of Agriculture*. It is a selective bibliography on aquatic plant and fish culture in the western United States and off the Pacific coast. Funded by the National Environmental Satellite, Data, and Information Service (NESDIS), National Oceanic and Atmospheric Administration (NOAA), U.S. Department of Commerce, it represents a cooperative effort between NAL's Aquaculture Information Center (AIC), NOAA, and Oregon State University.

This 76-page publication includes literature citations from several databases, i.e., AGRICOLA (AGRICultural OnLine Access), the NAL database; ASFA (Aquatic Sciences and Fisheries Abstracts), the database produced by Cambridge Scientific Abstracts under contract to the Food and Agriculture Organization of the United Nations; and WLN (Western Library Network), an online bibliographic utility database for cataloging western regional publications.

Subjects range from general aquaculture to ocean ranching, fish biology, and diseases as they relate to aquaculture. It contains 180 literature citations (many with supplied



Cover of the Aquaculture Information Center's bibliography, *Aquaculture in the Northeast Pacific*, the latest in its series of specialized bibliographies.

abstracts) and includes subject and author indexes. This bibliography is the second AIC region-oriented publication, the first being *Aquaculture in the Caribbean Basin: A Bibliography*, which was produced in September 1988.

The AIC and NOAA appreciate the cooperation given by Oregon State University and the Western Library Network in the compilation of this bibliography. We dedicate this publication to one of the authors, the late Marilyn Guin, of the Hatfield Marine Science Center Library, Oregon State University, Newport, Oregon, who provided the necessary subject expertise for its compilation despite a long-term battle with cancer. We know that she would be proud of the finished work.

To obtain a free copy of the publication while supplies last, please send a self-addressed label with the request to:

*Aquaculture Information Center, Rm. 304
ATTN: NE Pacific
National Agricultural Library
10301 Baltimore Blvd.
Beltsville MD 20705*

— Deborah T. Hanfman

Learning to Search AGRICOLA on SilverPlatter CD-ROM

by Sheldon Cheney
Reference Branch, NAL

Do you only know the author and the page numbers of an article? Need to know its title and the journal it is in? All is not lost if you have AGRICOLA on SilverPlatter CD-ROM.

NAL has just published *Learning to Search AGRICOLA on SilverPlatter CD-ROM*. This guide does not assume computer experience or database searching experience. It leads you through the basics, then continues through all the details that are ever likely to come up while doing serious searching. It explains how to search by journal title or by the name of the publisher. It explains what category codes can and can't

CD-ROMs Available for Use in NAL Reading Rooms

Paul Hosman, coordinator of the Library's New Technology Demonstration Center and the Software Demonstration Center, has provided the following list of CD-ROM products available for use in the Library's reading rooms by patrons and staff. Special equipment and software in the reading rooms make it easy for library users and staff to access the information contained on the disks. Inquire at the Reference Desk at either Beltsville or the D.C. Reference Center for the disks or user information, and for new titles available.

CD-ROM DATABASE	VENDOR	DCRC	BELTS
AGRI/STATS I	Hopkins		Y
AGRIBUSINESS	Dialog		Y
AGRICOLA & CRIS - 1970 - Current	OCLC	Y	Y
AGRICOLA - 1970 - Current	SilverPlatter	Y	Y
AGRICOLA - 1985 - June 1989	Quanta	Y	Y
AGRICULTURAL STATISTICS & CENSUS - 1987	Slater Hall	Y	Y
ASFA-Aquatic Science & Fisheries Abstracts 87-89	Cambridge	Y	Y
BIOLOGICAL & AGRICULTURAL INDEX	Wilson		Y
BIP - Books in Print	Bowker		Y
BOOKSHELF (Writer's Ref. Tools-Thesaur., Style)	Microsoft/Bowker		Y
BUSINESS PERIODICALS INDEX	Wilson	Y	
CHEM BANK	SilverPlatter'		*
CRIS - Current Research Information Service	OCLC	Y	Y
CRIS - Current Research Information Service	SilverPlatter	**	**
ECON/STATS - (Consumer Price Index, etc.) 05/88	Hopkins	Y	Y
FOOD ANALYST - 1989	Hopkins		Y
GPO - Government Printing Office Publication List	SilverPlatter	Y	Y
LIFE SCIENCES COLLECTION 1988-89	Cambridge	Y	Y
MEDLINE - 1966 - Current	SilverPlatter	Y	Y
NTIS - National Technical Information Service	SilverPlatter	Y	Y
PAIS - Public Affairs Information Service 72-10/89	PAIS	Y	Y
PESTBANK - Pesticides w/label, hazard, use data	SilverPlatter	Y	Y
READER'S GUIDE TO PERIODICAL LIT.	Wilson	*	
TOXLINE - Toxic effects of chemicals	SilverPlatter		Y
ULRICH'S PERIODICALS	Bowker		Y

* Being cataloged/processed **Not yet available

do for you in AGRICOLA. It tells you how you can check to see if volume 76, issues #5 and #6 of an indexed journal are included on the latest disk. It makes you aware of some common and some not so common pitfalls. The publication also gives you a good idea how powerful the SilverPlatter system is and how large and complex searches can be.

The publication is 57 pages plus 24 appendix pages. The appendix lists all the possible fields an AGRICOLA record may have and explains them. It lists all the publishing agency codes, publication type codes, subfiles, languages, country of publication codes, etc. The appendix has a complete list of both the old and new category codes, including the topics each one covers. This makes the guide a handy reference for the experienced searcher too.

The author has been a reference librarian for 22 years and has searched AGRICOLA at NAL for 12 years. He took a liking to the first SilverPlatter disk when it first came out and most others considered it a demonstration disk, but he also

promptly let SilverPlatter know everything he found wrong or didn't like so that they could improve the product. He now greatly prefers the disk to searching online.

To order a copy send a self-addressed label with the request by title to:

Public Services Division, Room 111
National Agricultural Library
10301 Baltimore Boulevard
Beltsville, Maryland 20705

AWIC Newsletter

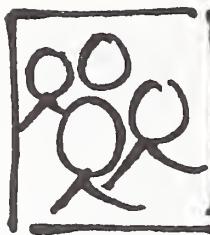
NAL's Animal Welfare Information Center (AWIC) will publish the first issue of its newsletter July 1. The *Animal Welfare Information Center Newsletter* will be a free quarterly publication providing information to research scientists, veterinarians, animal care technicians, administrators, and others interested in laboratory animal care and use. Each issue will focus on a particular topic pertinent to research animals. Regular "departments" are also planned that will provide readers with updates about AWIC publications, upcoming conferences, legislative developments, and new information technology. Articles from key people in the animal welfare arena will also be included in upcoming issues.

Persons wanting to be included on the mailing list please contact the AWIC newsletter staff at:

Animal Welfare Information Center
National Agricultural Library
10301 Baltimore Boulevard, Room 304
Beltsville, MD 20705

Or call (301) 344-3212.

— Kevin Engler



Staff Update

Fugate Heads NAL Educational Programs



photo: J. Swab

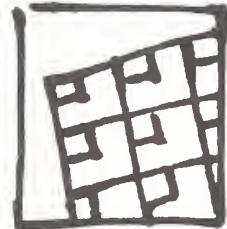
Susan Fugate

On April 6, Susan Fugate became the Head of the Educational Programs Unit in the Reference and User Services Branch of NAL's Public Services Division. This unit, which had been led by Karl Schneider on an acting basis since Lee Decker moved to the Department of Justice last autumn, is responsible for training—such as, AGRICOLA workshops; planning and scheduling exhibits—for example, at library and scientific organization conferences; operating

the Library's New Technology and Software Demonstration Centers; and managing the Library's orientation and tours programs.

Ms. Fugate joined the NAL staff in May 1983 as a Technical Information Specialist in the Acquisitions Branch. At the end of 1983 she became head of the Gift and Exchange Unit in Acquisitions where she remained until 1989. About a year ago she became a part-time assistant to the Chief of Technical Services Division (TSD), Sarah Thomas, and was responsible for liaison between the Chief's office, the Branches of TSD (Acquisitions/Serials, Cataloging, Indexing), and the Library's information centers which have been heavily involved in collection development and have concerns related to processing of materials and access to them. The remaining half of her time in that position was devoted to special acquisitions projects, including overseas acquisitions programs of the Library of Congress and the State Department, and approval plans with domestic and foreign vendors. Ms. Fugate has also headed NAL's Pesticide Applicator Training Materials Project, served on NAL's Marketing Committee, represented the Library on the Board of the Associates of NAL, Inc., and chaired an Associate's Book Fair.

Before coming to NAL, Ms. Fugate was on the informa-



Agriculture Datebook

June 20: Ag Trade Seminar. Sacramento, CA. Contact: (202) 447-2593.

June 22: National Grocers Association Meeting. Washington, DC. Contact: (202) 447-7711.

June 23-27: Association of Food and Drug Officials Annual Meeting. Denver, CO. Contact: E. Edsel Moore, (502) 564-4537.

June 26-28: Biennial Conference of National Poultry Improvement Plan. Las Vegas, NV; Alexis Park Resort. Contact: APHIS, VS, USDA, (202) 447-5193.

July 7-10: Annual Produce Conference. Fresno, CA; Fresno Center Holiday Inn. Sponsors: NAWGA, FMI, UFFVA, PMA. Contact: Lisa Gray, (703) 532-9400.

(See Agriculture Datebook, p. 23)



photo: J. Swab

Susan Fugate and her daughter Annie have a laugh with the photographer at a recent party in their honor held by the Library staff.

tion staff of USDA's Cooperative State Research Service from 1981-83, and worked in scientific programs of the Agricultural Research Service from 1976-81, first in livestock entomology and then in plant growth regulators. She worked in tissue and cell culture laboratories in industry for a year and at the National Institutes of Health as a student before coming to USDA. Ms. Fugate earned her M.S. in Special Education at Johns Hopkins University, and her B.S. in Biological Science at the University of Maryland.

Ms. Fugate's outside interests include landscaping and gardening; she is involved in them in her community and teaches informal gardening classes. She also participates in the Prince George's County foster parent program as a speaker in training sessions and as a counselor for persons considering adoption or service as a foster parent. She has served as a foster parent herself several times, and in November 1989, she adopted a daughter, Annie, 5, who had been with her for 3 years in the foster care program.

—Joseph N. Swab

Veronica Lefebvre

The author of the report on NAL's Regional Document Delivery System in this issue of *ALIN*, Veronica Lefebvre, joined the NAL staff in October 1970. She began her work in the Library's Selection Section (now Acquisitions/Serials Branch) as a technician in the order unit, and after passing the civil service librarian's examination, was promoted to a professional position as a selector in the Acquisitions Branch.

In 1980, Ms. Lefebvre became the head of the Circulation

Unit in the Utilization Section (now Lending Branch). For about 18 months in 1984/85 she was acting Head of Lending, and subsequently assistant to the Head of Lending. She now has a variety of professional responsibilities in the Lending Branch, including coordinator of the Regional Document Delivery System since 1988, coordinator of the NTIS billing for photocopy, AGLINET, and other cooperative agreements, and assisting the Head with policies and programs for Lending. At the moment she is also the acting head of the Circulation Unit until that position can be filled.

Over the years, Ms. Lefebvre has participated in a variety of NAL projects and activities, including, implementing the OCLC interlibrary loan subsystem for which NAL was a Beta Test Site, representing the Lending Branch and Public Services Division (PSD) on the ISIS implementation team, serving on the NAL Collection Development Committee for PSD since 1980, and chairing the Library's Awards Committee (84/85).

Before coming to NAL, Ms. Lefebvre was at the Defense Technical Information Service from 1967-70, and began her career at the Department of Health and Human Services. She lives with her husband on the Chesapeake Bay and enjoys activities on the bay with family and friends.

—Joseph N. Swab

Turner Joins Reference

Nancy LeBlanc Turner joined the Reference and User Services Branch as a reference librarian in January 1990. She had previously spent a year part-time in NAL's Indexing Branch on a cooperative agreement with the University of Maryland while she was a graduate student. In December 1989 she completed her M.L.S. at Maryland. Her undergraduate work was at Louisiana State University where her work was nearly equally divided among the social sciences, humanities, and sciences. Prior to beginning her library work, Ms. Turner worked for six years at a mental health center in Louisiana.

While in Indexing Ms. Turner worked with Martha Hood on the Grassland and Forage Terminology Index and with Deana Parks on a database of reference requests used to help determine if AGRICOLA is meeting the needs of its users. In library school she concentrated on the selection, evaluation, design, and production of non-print library media. When asked about other interests, she responded:



photo: J. Swab

Veronica Lefebvre



photo: J. Swab

Nancy LeBlanc Turner

"Textiles and gardening.... In Louisiana, before children [two daughters, 4 & 5], I was very involved in textiles—quilting, spinning, weaving, and basketry—and invented a thimble. I used the LSU patent depository library to research and write my own patent application."

—Joseph N. Swab

Ms. Xu has begun work at NAL in the Cataloging Branch where she is cataloging Chinese serials while attending English classes twice a week at the Adult Education Center in Silver Spring, MD. She hopes to spend some time in each of NAL's Divisions and Branches during her stay.

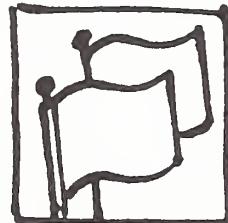
Ms. Xu leaves her family behind in China. Her husband is an administrator at the Southwest Agricultural University, and she has a son, 22, who has graduated from college and a daughter, 19, who is in high school. In speaking of her time here, Ms. Xu says "The United States is a beautiful and modern country." She finds "the life here new and enjoyable."

—Joseph N. Swab



photo: J. Swab

Xu Xinhua



Visitors

Xu Xinhua, Visiting Scholar

On March 12, Xu Xinhua arrived at NAL for a year as a visiting scholar at the National Agricultural Library. Ms. Xu is Head of the Document Retrieval Department at the Southwest Agricultural University, Chongqing, Sichuan, China, where she has been working for nearly 30 years. For the past five years she has been teaching courses in document retrieval. She has come to NAL to learn online retrieval and other technology (as yet her library is not using computers), to get a better understanding of NAL for her library, to learn more about NAL collections, and to improve "friendship and exchange" between NAL and her university.



photo: J. Swab
Ms. Xu presents a lacquered vase to Joseph H. Howard, NAL Director, as a gift to the National Agricultural Library.

Yang Wu, Visiting Scholar

On April 10, Yang Wu, Head, Automation Division, Beijing Agricultural University Library, began a year as a visiting scholar in NAL's Information Systems Division. He will be studying library automation technology and working on projects utilizing NAL's HP3000 minicomputer system. In the next month he will be working with NAL staff to determine appropriate projects for him to undertake during his stay. This will be focused on developing programs useful both for NAL and his home university which intends to acquire an HP3000 in the future.

A graduate of Beijing Television and Broadcasting University, Mr. Yang is one of five persons in the Automation Division at his library which is presently using a PDP-11/23 super microcomputer from Digital Equipment Company and 15 IBM compatible microcomputers for cataloging, acquisitions, and serials control. The new computer will be utilized for these purposes and more as the



photo: J. Swab

Yang Wu

library buys an integrated system. It will be part of a new library, funded with about \$3 million from China and \$3 million from the World Bank; it is under construction and will be finished in September.

Mr. Yang, who had previously visited NAL in 1986 as part of a delegation from his university who had spent 22 days in the U.S., said, "Because of NAL's Integrated System for Information Services (ISIS) and network linking microcomputers and

the main frame computer, it is an ideal place to study automation." Since the Beijing Agricultural University is "one of the 10 most important universities in China," he said, "the library plays a very important role in the university," indicating that NAL would serve as a model for future development of his library.

Mr. Yang is residing with three scientists working at USDA's Beltsville Agricultural Research Center, and bicycles to work or walks 30 minutes.

He said he had heard that one "needs a car to do everything here," and it is true. At home his wife is an engineer working with microfiche in the library at Peking University. They have a daughter, 5 years old.

—Joseph N. Swab



Visiting Librarian Jones Studies Global Change

Douglas Jones, Assistant Head of the Science-Engineering Library at the University of Arizona, is spending four months of his sabbatical from the University at the National Agricultural Library doing research on global warming and its consequences. Mr. Jones arrived at NAL on March 12 and will continue working at the Library until the end of June. His research is designed to meet the needs of the general public for information on global climate change and at the same time contribute to NAL's participation in USDA's strategic planning in this area. It may eventually lead to the formation of an information center on global change at NAL.

Among the tangible results of Mr. Jones' research will be an information packet on global climate change, which he is preparing in cooperation with Susan Whitmore, Janet Wright, and Jayne MacLean of NAL and Chestalene Pintozzi of the University of Arizona. It will include a summary of global change information, a chronology, an annotated bibliography of significant literature, a larger bibliography without annotations, a "path-finder" directing users through the research literature, and a directory of organizations in the global climate change field. In speaking of this information packet, Mr. Jones said, "It will not be restricted to agricultural topics, but will be designed to serve as part of the educational component of the global change research program. No other agency is doing this. The idea is for NAL to serve as a clearinghouse for data and information on global change." At the same time Mr. Jones and NAL staff are "keeping track of the popular media" and the information packet will be "carefully designed for a general audience." Mr. Jones is also helping NAL with collection evaluation and development in the area of global change.

Mr. Jones' activities at NAL will benefit the University of Arizona as well. The University is forming a global change research center, so information products he

Mr. Yang presents a scroll painting to the National Agricultural Library and Mr. Howard. Verna Shen of Cataloging Branch translates the Chinese inscription, while William Feidt, Head, Library Automation Branch, watches.

photo: J. Swab



photo: J. Swab

Doug Jones

develops will be shared, and collection analysis and development work will be mutually useful. This work also dovetails with past cooperative projects between the university and NAL, such as shared indexing of materials, work on information related to arid lands, critical agricultural materials such as guayule and jojoba, the state publications project, the national agricultural text-digitizing project, and networking, in all of which Mr. Jones has participated or had an interest. He is also using this time at NAL to visit the Library of Congress, the National Library of Medicine, the U.S. Geological Survey, the National Oceanic and Atmospheric Administration, the National Aeronautics and Space Administration, the Smithsonian, and other scientific organizations in the Washington area, and other universities with scientific programs of interest, such as Cornell. He is seeking to strengthen linkages and build on past relationships with these institutions.

Mr. Jones has been a librarian at the University of Arizona since 1973. Among his activities there have been coordinating collection development in the sciences, coordinating online services, and chairing the state online user group. A graduate of the University of Arizona with a Master of Library Science and a Master of Arts in English, he also has a broad background in the sciences from formal study and reading. His agriculture-related publications include the *Research Guide to the Arid Lands of the World* (Oryx, 1983) and "Sources of Agriculture Information," *Library Trends*, 1990 (in press). At the IAALD World Congress in Budapest, Hungary, May 1990, he is presenting a paper on providing end-user access to electronic information. Recently he was appointed to the Collection Management Committee of the U.S. Agricultural Information Network (USAIN).

Mr. Jones and his wife, Susan Jones, have three children, Tamara, 11, Samantha, 14, and Christopher, 17.

—Joseph N. Swab



photo: J. Swab

(Above) Duane Acker, the new Administrator, Office of International Cooperation and Development (OICD), visited NAL recently to learn about the Library's collections, products, services, and technology applications. Several OICD staff joined him in the visit.

(Below) Paul Hosman (back to camera) demonstrates information products linking laser video disks with computer databases. (L-R) Duane Acker; Joseph Howard, NAL Director; Arlene Mitchell; Dick Rortvedt; Frank Fender; and (on the right) Val Mezaines. Also viewing this demonstration was Jan Companjen (second from right), visiting from The Netherlands. Mr. Companjen is Head of the Sector Economie en Management, Bibliotheek en Documentaire Informatie, Haagse Hogeschool.





photo: J. Swab

In a recent visit relating to a joint project of the White House and the Agricultural Research Service (ARS), the participants met in the NAL Director's Office. (L-R) Gordon Marten, Associate Director, Beltsville Agricultural Research Center; Joseph Howard, NAL Director; Dean Plowman, Administrator, ARS; Cooper Evans, Special Assistant to the President for Agricultural Trade and Food Assistance; Essex Finney, Director of the Beltsville Agricultural Research Center, ARS; Maria Pisa, Assistant Director, NAL; and John Fish, Special Assistant to Cooper Evans.



photos: J. Swab

(Left) Joseph H. Howard, NAL Director, greets (L-R) Mrs. Nathalie Dusoulier, Director, L'Institut de L'Information Scientifique et Technique (INIST), Centre National de la Recherche Scientifique (CNRS), France; Mrs. Francine Gourd, Director of Production, INIST, CNRS; and Veronique Quillien, volunteer, Food and Nutrition Information Center, NAL. Mrs. Dusoulier and Mrs. Gourd were visiting NAL to exchange information on indexing and other services of the two institutions, and to learn more about NAL's information centers and technology applications.

(Below) Shirley Edwards (second from left), Head, Indexing Branch, NAL, gives an overview of NAL indexing policies and activities.

**...and
more
Visitors**





Smithsonian Associates Visit NAL

Recently members of the Smithsonian Associates resident program visited NAL as guests of the Library and of the Associates of NAL, Inc.

(Above) Sarah Thomas, Associate Director for Technical Services (on right of group) greets the Associates for the Library.

(Right above) Mary Silva, Secretary, Director's Office, (right foreground) leads a tour, here showing one of NAL's stack floors, including compact (mobile) shelving.

(Right below) Susan Fugate, Head, Educational Programs, (standing center) leads a group to the Special Collections Reading Room, where Ronald Young, Library Technician, Special Programs Branch (back to camera) gives a demonstration of the laser video disks containing several of the Library's and USDA's photographs collections.



photos: J. Swab



(Left) Sandy Facinoli, Coordinator, Youth Development Information Center, (seated at the terminal) demonstrates NAL's Integrated System for Information Service (ISIS).

Following lunch sponsored by the Associates of NAL, Inc., the Smithsonian Associates had a tour of the Beltsville Agricultural Research Center (BARC) of the Agricultural Research Service.

Visitors from Belgium and Latin America also participated in the NAL tours and demonstrations.



(Above) Keith Russell, Associate Director for Public Services, NAL, was host of the joint meeting of the public services staffs of the three national libraries.

(Top and above right) The NLM participants stand to be recognized and introduced.

(Below and below right) The LC participants stand to be recognized and introduced.

Some of the NAL participants were seated among the groups shown in the photographs.



Public Services Staff of NAL, LC, & NLM Meet

Recently the public services staffs of the National Agricultural Library, the Library of Congress, and the National Library of Medicine, held a full-day conference at NAL to discuss services, problems, service strategies, and other common interests of the three national libraries, and to provide an update for LC and NLM staffs on NAL programs, activities, and technology applications.

Other NAL Public Services staff met with LC and NLM participants in the Lending, Reference, Information Centers, and Special Programs Branches, and provided demonstrations at the New Technologies Demonstration Center, the Software Demonstration Center, the Special Collections Reading Room, and at the ISIS (Integrated System for Information Services) workstations in the lobby and main reading room.



photos: J. Swab

These three photographs show the NAL exhibits on "Women in Agriculture" in March 1990.

Women's History Month at NAL

Locally, March is celebrated as Women's History Month with appropriate events which range from the University of Maryland's program on "Outstanding Women Civil Engineers" to the annual Women's Fair sponsored by Prince George's County. Such events are mirrored across the United States, as various groups and organizations join in recognizing the importance and contributions of women, both today and in the past.

Reflecting the USDA's theme for the month, "Courageous Voices Echoing in Our Lives," NAL commemorated its observance of Women's History Month with a special program entitled "Speaking of Women."

"Speaking of Women" was conceived, written, and directed by Federal Women's Program Manager Janet Wright, who was also the leader of the program's dialog. Secondary roles were played by two other "actors" from the Public Services Division, Karl Schneider and Jane Gates.

Room 1400 was almost filled on Wednesday, March 28, by people privileged to hear a provocative exposé of women and language, with particular focus on "how" women are spoken of. To prove her point, that "women are ignored by the English language," Wright chose dramatic quotations from persons as ancient as Aristotle and as recent as Paul Roberts (author of a 1967 American high school grammar book). Wright illustrated her own early indoctrination with personal examples of a childhood teacher's instructions, and gave credit for her "ears-opening" to a Smithsonian course called "Language in America."

Encouragement for greater awareness was expressed through a quotation by Dr. Lee Salk, written when he was 62, expressing his agreement that the "use of the male

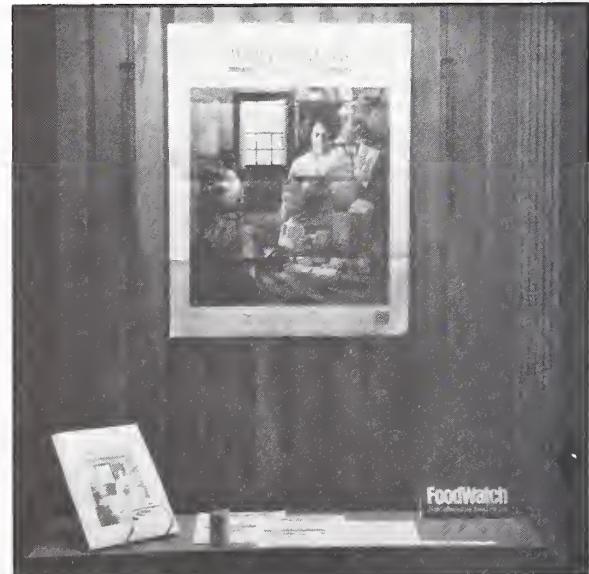
pronoun is one of the many examples of discrimination...." Even more immediate support came in the program's concluding quotation, from Secretary of Agriculture Clayton Yeutter:

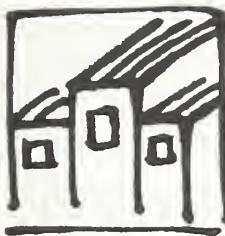
Over the years, women have increasingly made their needs and aspirations known. They have faced political and social challenges, set them, and set new goals for themselves as they look toward the year 2000 and beyond. I proudly stand with them at the threshold of a new decade that will bring even greater involvement by women in shaping the future of America. I support and will continue to work for the inclusion of women into the USDA work force and the agricultural sector at every level. This is a goal we all must strive for and ultimately achieve.

The Associates of NAL, Inc., provided refreshments after the program.

Three display cases in the lobby were devoted to appropriate exhibitions in commemoration of "Women in Agriculture." The display utilized posters, periodicals, photographs, and books from the NAL collection. Jane Gates, recently named NAL's new Federal Women's Program Manager, assembled the exhibit with the assistance of Dr. Vivian Wiser, Sheldon Cheney, Dr. Alan Fusonie, and Janet Wright.

—Jane Gates





Publications Exchange

Serial Gaps

The National Agricultural Library identifies gaps in the national collection through collection maintenance activities and patron requests. We appreciate your donation of the following publications needed to complete collections. If you have questions, call Ruth Finnblade, Gift and Exchange Program, (301) 344-4061.

Send items to:

National Agricultural Library
Gift and Exchange Program/RF, Room 002G
10301 Baltimore Boulevard
Beltsville, MD 20705

Flora of Iraq. Vol. 8, year not known.

Mountain Life & Work. 1983, No. 4-12.

Revista de Medicina Veterinaria. Vol.s 61-69, 1980-88.

Surplus Publications

The National Agricultural Library will make available the following surplus publications to any interested organization that regularly sends free publications to NAL, including most Federal, land-grant, and agricultural research institutions as well as many others. Foreign institutions will need to provide a U.S. mailing address or make other special arrangements with U.S. sources for shipment of material. Listed titles may be requested up to six months following announcement.

If interested, please enclose an addressed label with your request and write to:

National Agricultural Library
Attn: Gift and Exchange/RF, Room 002
10301 Baltimore Boulevard
Beltsville, MD 20705

Or call Ruth Finnblade, (301) 344-4061.

Bryologist. Vol. 1-59, 1898-56.

Bulletin. Chemical Society of Japan. Vol. 56-57, 1983-84.

Chromatography. Vol. 17-89, 1965-79.

Crop Science. Vol. 28-29, 1988-89.

Journal of Agriculture and Food Chemistry. Vol. 28-29, 1980-81.

Journal of Cell Biology. Vol. 106-107, 1988.

Journal of Cell Science. Vol. 89-91, 1988.

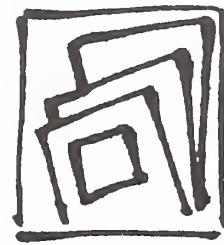
Journal Economic Literature. Vol. 25-27, 1987-89.

Journal of Economic Perspectives. Vol. 1-3, 1987-89.

Journal of Toxicology and Environmental Health. Vol. 23-25, 1988.

Poultry Science. Vol. 62-63, 1983-84.

World Animal Science. Vol. 6-28, 1973-78.



New Serials Received at NAL

African Journal of Agricultural Sciences. Addis Ababa, Ethiopia: Association for the Advancement of Agricultural Sciences in Africa. Semiannual. Vol. 5, no. 1 (Jan. 1978)-
S5.A7

The Ag Bioethics Forum: An Interdisciplinary Newsletter in Agricultural Bioethics. Ames: Iowa State University. Quarterly. Vol. 1, no. 1 (Oct. 1988)-
S494.5.B563A42

Agriculture Abroad. Ottawa: International Liaison Service, Canada Dept. of Agriculture, in Cooperation with the Trade Commissioner Service, Dept. of Industry, Trade and Commerce. Bimonthly. Vol. 1- June 1945-
281.9 C1642A

Albertoa. Rio de Janeiro, RJ, Brasil: Herbário Alberto Castellanos (GUA). Irregular. Vol. 1, no. 1 (15 de jan. de 1986)-
QK1.A52

American Marketing Association International Membership Directory and Marketing Services Guide. Chicago, IL.: The Association. Annual. 1987-
HF5415.A1A4

Announcement of Class Prices and Related Factors / Market Administrator, New York-New Jersey Milk Marketing Area. New York, NY: The Administrator. Monthly. Apr., May and June 1981-
HD9282.U53N73

Annual Report / Alberta Tree Nursery and Horticulture Centre. [Edmonton]: The Centre. Annual. 1981-
SB319.3.C39A45

Aquatic Toxicology and Environmental Fate: A Symposium / Sponsored by ASTM Committee E-47 on Biological Effects and Environmental Fate. Philadelphia, PA: ASTM. 9th Vol. (14-16/Apr. 1985)-

QH545.W3S95

Banca Central. Guatemala: Banco de Guatemala. Quarterly. Año 1, no. 1 (abr.-jun. 1989)-

HG2741.B36

Biotechnology Newswatch. New York: McGraw-Hill. Semimonthly. Vol. 7, no. 23 (Dec. 7, 1987)-

TP248.13.B54

Boletín informativo / Banco de Guatemala. [Guatemala]: El Banco. Biweekly. Año 1, no. 1 (15 de julio de 1989)-

HC144.A1B65

CD-ROM endUser. Falls Church, VA: DDRI. Monthly. Vol. 1, no. 1 (May 1989)-

TA1635.C38

Catalogue of Cell Lines and Hybridomas / American Type Culture Collection. Rockville, MD: The Collection. Quadrennial. 5th ed. (1985)-

QH585.A542

Census Notes / Cooperative Extension, College of Agriculture, Washington State University. Pullman, WA: The Extension. Irregular. No. 1 (Apr. 30, 1981)-

HB3525.W2C45

The Cotton Foundation Reference Book Series. Memphis, TN: The Foundation. No. 1- [c1986]-

SB249.C67

Crop Research. Hisar, India: Agricultural Research Information Centre. Semianual. Vol. 1, no. 1 (June 1988)-

SB4.C66

Cryptogamic Botany. Stuttgart; New York: Fischer. Quarterly. Vol. 1, no. 1 (June 1989)-

QK504.C7

Current Advances in Ecological & Environmental Sciences. Oxford; New York: Pergamon Press. Monthly. Vol. 15, no. 1 (Jan. 1989)-

Z5322.E2C8

Cytokines. Basel; New York: Karger. Vol. 1-
QR185.8.C95C9

Entomofauna. Linz: Maximilian Schwarz. Irregular. Bd. 1, Heft 1 (1. Jan. 1980)-

QL461.E58

Environmental Quality: The ... Annual Report of the Council on Environmental Quality. Washington, DC: [Executive Office of the President, Council on Environmental Quality]; For sale by the Supt. of Docs., U.S. G.P.O. Annual. 1st-

QH540.C6

The Europa World Year Book. London, England: Europa Publications Limited. Annual. 30th ed. (1989)-
JN1.E8

FloraScope. Glen Ellyn, IL: Mary Lu Parks. Monthly. No. 1 (Jan. 1981)-
SB406.64.F56

Harvest: The Newsletter of the Associates of the National Agricultural Library. Washington, DC: The Associates. Vol. 1, no. 1 (fall 1989)-
Z675.A8H3

The International Plant Biotechnology Network / Tissue Culture for Crops Project. Fort Collins, CO: The Project. Irregular. Newsletter #4 (June 1985)-
QK725.T57

Journal of Experiential Education. Denver, CO: Association for Experiential Education. Three no. a year. Vol. 5, no. 3 (winter 1983)-
L11.J68

Magnetic Resonance in Chemistry: MRC. Chichester, Sussex, England: Wiley Heyden. m. Vol. 23, no. 1 (Jan. 1985)-
QD471.O7

Malaysian Rubber Review. Kuala Lumpur, Malaysia: Malaysian Rubber Research and Development Board. Quarterly. Vol. 4 (1st quarter, 1983)-
TS1870.M35

Mezhdunarodnyi agropromyshlennyi zhurnal / Sovet ekonomicheskoi vzaimopomoshchi, Komitet po sotrudничestvu v oblasti agropromyshlennogo kompleksa. [Moskva]: Komitet. Bimonthly. 1989, 1-
S13.M137

Minufiya Journal of Agricultural Research. Shebin El-Kom, Egypt: Faculty of Agriculture, Minufiya University. Semiannual. Vol. 5 (Dec. 1982)-
S542.E3M65

The Morgan Horse. Westmoreland, NY [etc.]: American Morgan Horse Association [etc.] Monthly. June 1980-
42.8 M82

Monatshefte für Chemie. Supplementum = Chemical Monthly. Supplement. Wien; New York: Springer-Verlag. 1- [c1989]-
384 M74 Suppl.

Ocean & Shoreline Management. [Barking, Essex, England]: Elsevier Applied Science. Six no. a year. Vol. 11, no. 1- [c1988]-
GC1000.O3

Pasturas Tropicales. Cali, Colombia: Centro Internacional de Agricultura Tropical. Three issues yearly. Vol. 10, no. 1 (abr. 1988)-
SB199.P37

People Plant Connection. Gaithersburg, MD: American Horticultural Therapy Association. Eleven issues yearly. Vol. 16, issue 8 (Aug. 1989)-

RM735.7.G37P4

Perspectives in Plant Virology. Lucknow: Print House (India). Annual. Vol. 1 (1985)-

SB736.P47

Polska bibliografia bibliologiczna/Biblioteka Narodowa, Instytut Bibliograficzny. Warszawa: Biblioteka. a. 1981-
Z666.P64

Postharvest Pomology Newsletter. Pullman, WA: Washington State University Cooperative Extension. Three issues a year. Vol. 1, no. 1 (Feb. 1983)-

TP440.P67

Problems in Veterinary Medicine. Philadelphia: J.B. Lippincott. Quarterly. Vol. 1, no. 1 (Jan.-Mar. 1989)-

SF601.P76

Publications of the Society for Laboratory Animal Science. Basle: The Society. Irregular. No. 1- [c1980]-
SF405.5.V46

Radiation Effects and Defects in Solids. New York: Gordon & Breach. Irregular. Vol. 108, no. 1-
QC490.R3

Renewable Resources Journal. Bethesda, MD: Renewable Natural Resources Foundation. Quarterly. Vol. 1, no. 2 & 3 (fall 1982 & winter 1983)-

QH76.R45

Report for the Crop. London, England: International Wheat Council. Annual. 1986/87-

HD9049.W3R4

Report / SADCC Soil and Water Conservation and Land Utilization Programme, Co-ordination Unit. Maseru [Lesotho]: The Unit. Irregular. No. 1- [c1985]-

S622.R38

Research/University of Florida, Institute of Food and Agricultural Sciences. Gainesville, FL: IFAS Editorial Dept. 87-
S539.5.F55

Research Journal of the Water Pollution Control Federation. Alexandria, VA: The Federation. Bimonthly (with additional issue in June). [Vol. 61, no. 9]. (Sept. 1989)-

TD419.R47

Research Report. Canterbury, N.Z.: Agribusiness and Economics Research Unit, Lincoln College. Irregular. No. 187 (May 1987)-

HD2195.5.A45

Research Report - Expert Committee on Weeds, Western Canada. Rapport de Recherches - Comite consultatif malherbologie, Canada de l'ouest. [Sask., etc., Expert Committee

on Weeds]. Annual. 1978-

SB613.C2R47

Situation and Outlook Report. Vegetables and Specialties / United States Department of Agriculture, Economic Research Service. Washington, DC: The Service: Supt. of Docs., U.S. G.P.O. [distributor]. Semiannual. TVS-244 (Feb. 1988)-

aHD9220.U5S47

Situation and Outlook Series. Western Europe Agriculture and Trade Report / United States Department of Agriculture, Economic Research Service. Washington, DC: The Service: Available from the Supt. of Docs., U.S. G.P.O. Annual. June 1988-

aHD1916.A48

Swine Genetics / National Swine Improvement Federation. West Lafayette, IN: Purdue University Cooperative Extension Service. Fact sheet no. 1- [c1987]-
SF396.9.S84

SAAS Bulletin, Biochemistry and Biotechnology. [Cookeville, TN?]: Biochemistry and Biotechnology, Southern Association of Agricultural Scientists. Vol. 1 (Jan. 1988)-
S494.5.B563S2

Science in China. Series B, Chemistry, Life Sciences & Earth Sciences. Beijing, China: Chinese Academy of Sciences: Science Press; Oxford, UK; Elmsford, NY: Distributed by Pergamon Press. Monthly. Vol. 32, no. 1 (Jan. 1989)-
QD1.S34

Texas Journal of Agriculture and Natural Resources: A Publication of the Agricultural Consortium of Texas. Canyon, TX: The Consortium. Annual. Vol. 1 (1987)-
S1.T49

Tree Farmer. Washington, DC: American Forest Council. Quarterly. Spring 1989-
SD1.T7

UBS International Finance. [Zurich]: Union Bank of Switzerland. Quarterly. [Vol. 1, no. 1] (fall 1989)-
HC395.B87

USDA Report to Congress on the Dairy Promotion Program / United States Department of Agriculture. [Washington, DC?]: The Department. Annual. July 1, 1989-
aHD9275.U5R4

United States Importers & Exporters Directory. New York: The Journal of Commerce. Annual. 1989-
HF3012.D46

Urban Forest Forum. Washington, DC: American Forestry Association. Bimonthly. Vol. 8, no. 5 [i.e. 4] (Sept./Oct. 1988)-
SB436.N3

Ward's Business Directory of U.S. Private and Public Com-

panies. Vol. 2. From \$.5 to \$11.5 Million in Sales. Detroit, MI: Gale Research. Annual. 1989-

HG4057.A57

Water Environment & Technology / Water Pollution Control Federation. [Alexandria, VA]: The Federation. Monthly, with a special issue in Apr. [Vol. 1, no. 1] (Sept. 1989)- TD419.W37

Wetlands Ecology and Management. The Hague: SPB Academic Pub. Four no. a year. Vol. 1, no. 1 (Jan. 1989)- QH541.5.M3W472

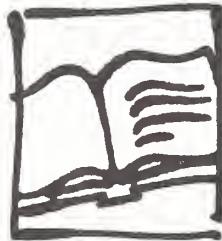
Wood Digest. Fort Atkinson, WI: Johnson Hill Press. Monthly. [Vol. 20, no. 5] (Aug. 1989)- TS840.F8

World Dredging, Mining & Construction. Irvine, CA: WODCON Association. Monthly. [Vol. 24, no. 7] (June/July 1988)-

TC203.W67

Youth Record. Washington, DC: Youth Policy Institute. Semimonthly. Vol. 1, no. 1 (Apr. 3, 1989)-

HQ799.U5Y68



New Bibliographies

Quick Bibliographies

The bibliographies in the *Quick Bibliography* series are primarily computerized online as batch bibliographies emanating from searches performed by the NAL Public Services Division Staff in response to customer requests. Searches are selected for inclusion based on the currency of the topic, interest among clientele, and probable value to a larger audience. Since October 1988, all QB's include search strategies. Unless otherwise specified, citations are from AGRICOLA.

The other bibliographic series, including *Special Reference Briefs*, have been researched and produced to meet special needs of clientele of the Library and its Information Centers. Revisions or updates will be announced when produced. Only one copy of a requested title will be sent; however, requesters may make copies. To request a copy of a *Quick Bibliography*, *Special Reference Brief*, or other bibliographic work, circle the desired title(s) below and send your request with a self-addressed label to:

Reference Branch, Room 111
National Agricultural Library
Beltsville, MD 20705

Q.B.-90-47. IPM and Biological Control of Plant Pests: Horticultural Crops, January 1985-December 1989. 346 citations; languages: English only. Prepared by Jayne T. MacLean. May 1990.

Q.B.-90-48. Ethical and Moral Issues Relating to Animals, January 1979-March 1990. 380 citations; languages: none excluded. Prepared by Karen J. Clingerman. May 1990. Updates 89-03.

Q.B.-90-49. Windbreaks, Shelterbelts, and Living Fences, January 1980-February 1990. 287 citations; languages: English only. Prepared by Nancy LeBlanc Turner. May 1990. Updates 80-16.

Q.B.-90-50. Ecology of Tropical Rainforests, January 1984-December 1989. 264 citations; languages: English only. Prepared by Jane Potter Gates. May 1990. Updates 86-03.

Q.B.-90-51. IPM and Biological Control of Weeds, June 1987-December 1989. 399 citations; languages: English only. Prepared by Jayne T. MacLean. May 1990. Updates 88-66.

Q.B.-90-52. Catfish Farming, January 1983-March 1990. 167 citations; languages: none excluded. Prepared by Eileen M. McVey. May 1990. Updates 89-74.

Q.B.-90-53. Crawfish Culture, January 1979-March 1990. 116 citations; languages: none excluded. Prepared by Eileen M. McVey. May 1990. Updates 89-55.

Q.B.-90-54. Acid Rain, January 1987-March 1990. 417 citations; languages: English only. Prepared by Sheldon Cheney. May 1990. Updates 87-11.

Q.B.-90-55. Laboratory Animal Facilities and Management, January 1979-February 1990. 360 citations; languages: none excluded. Prepared by Karen Clingerman. May 1990. Updates 89-66.

Agri-Topics

Bonsai. 5 p. Prepared by Carol Kopolow. September 1989.

Great American Gardening Books. 6 p. Prepared by Jayne T. MacLean. May 1990.

Aqua-Topics

Culture of Striped and Hybrid Striped Bass. 27 p. Prepared by Eileen M. McVey and Nancy Thomson. May 1990.

Miscellaneous

Horticultural Journals Currently Received at the National Agricultural Library. Revised Edition, May 1990. Prepared by Jane Potter Gates. May 1990.



July 8-11: International Association of Milk Control Agencies Annual Meeting. Toronto, Ontario, Canada. Contact: David K. Alles, (416) 861-2956.

July 8-13: Weights and Measure Division of NASDA Annual Meeting. Seattle, WA. Contact: Ray Elliott, (405) 521-3864.

July 9-10: Organic Meat Symposium. Minneapolis, MN; Hilton Inn. Contact: Laura McCann, University of Minnesota. (612) 625-5747.

July 15-18: Midwestern Association of State Departments of Agriculture Regional Meeting. Madison, WI; Concourse Hotel. Contact: NASDA, (202) 628-1566.

July 15-19: National Agricultural Marketing Officials Annual Meeting. Bethel, ME. Contact: Jed Adams, (916) 445-2491.

July 23: FmHA Administrator's Policy Meeting. St. Louis, MO. Contact: (202) 447-4581.

July 23-26: American Veterinary Medical Association (AVMA)/American College of Laboratory Medicine (ACLAM). San Antonio, TX. Contact: AVMA, (708) 605-8070 or ACLAM, (217) 333-7639.

July 24: REA 1990 National Conference. Detroit, MI. Contact: (202) 447-4581.

July 29 - August 2: ARS Laboratory 90-Year Celebration. Mayaguez, PR. Contact: (202) 447-3656.

July 29 - August 2: Association of American Warehouse Control Officials Annual Meeting. Lafayette, LA. Contact: Bill Truby, (404) 656-3605.

July 30 - August 2: 90th Anniversary of USDA/ARS Subtropical Agricultural Research Station. Mayaguez, PR. Contact: (202) 447-5923.

July 30 - August 2: Dairy Division of NASDA Annual Meeting. Boston, MA. Contact: Charles Murphy, (404) 656-3625.

July 31 - August 3: International Trade Consortium Meetings. Honolulu, HI. Contact: (202) 786-3300.

July 31 - August 4: American Society of Animal Science (ASAS). Ames, IA. Contact: Carl Johnson, (217) 356-3182.

August 1-2: U. of Guelph Ontario Ag College Department of Ag Economics Symposium. Theme: "Pacific Rim Agriculture and Trade: Toward the 21st Century." Honolulu, HI. Contact: (202) 447-4164.

August 2-3: Joint Planning Session of Farmers Cooperative Elevator. Cedar Rapids, IA. Contact: (202) 653-6976.

August 2-5: American Sheep Industry Association Summer Meeting. Denver, CO; Sheraton Denver Tech Center. Contact: ASIA, (303) 771-3500.

August 3-5: Natural Organic Farmers Association 16th Annual Conference. "Organic Agriculture: Sowing the Seeds for a New Decade." Amherst, MA; Hampshire College. Contact: J. Lyons, P.O.Box 205, Leverett, MA 01054. (413) 548-9080; or Julie Rawson, RFD 2, Sheldon Rd., Barre, MA 01005. (508) 355-2853.

August 4-8: American Agricultural Economics Association Annual Meetings. Vancouver, BC. Contact: (202) 786-3300.

August 6-8: Association of American Plant Food Control Officials Annual Meeting. Greensboro, NC. Contact: David Teh Shang, (609) 984-2222.

August 6-8: Joint Council and Users Advisory Board Meeting. MN. Contact: (202) 447-3656.

August 6-9: American Institute for Biological Sciences (AIBS) Annual Meeting. Richmond, VA. Contact: AIBS, 730 11th Street, N.W., Washington, DC 20001. (202) 628-1500, FAX: (202) 628-1509.

August 6-11: National Conference of State Legislatures. Nashville, TN. Contact: Linda Worrell, (303) 623-7800.

August 6-11: 2nd International Symposium on Chromosome Engineering in Plants. Columbia, MO. Contact: Chris Chapman, 2nd I.S.C.E.P., 220 Curtis Hall, University of Missouri, Columbia, MO 65211.

August 7-8: Association of American Feed Control Officials Annual Meeting. Greensboro, NC. Contact: Hershel F. Morris, Jr., (504) 342-5812.

August 7-9: National Agricultural Research and Extension Users Advisory Board Meeting. Blacksburg, VA. Contact: (202) 447-3684.

August 8: Poultry Science Association Symposium. Blacksburg, VA. Contact: (202) 447-5923.

August 9-10: Association of American Pesticide Control Officials Annual Meeting. Greensboro, NC. Contact: Art Losey, (206) 753-5062.

August 11-16: Western Association of State Departments of Agriculture Regional Meeting. Sun Valley, ID; Elkhorn Resort. Contact: NASDA, (202) 628-1566.

August 12-17: International Symposium. Stillwater, OK. Theme: "Aphid-Plant Interactions: Populations to Molecules." Contact: James Webster, Oklahoma State University, (405) 624-4200.

August 13: International Symposium "Aphid-Plant Interactions: Populations of Molecules." Stillwater, OK. Contact: (202) 447-3656.

August 15-16: Ag Biotech International Business Opportunities for the '90s. Spokane, WA; Washington State International Trade Center. Contact: Ag Bureau, P.O. Box 2147, Spokane, WA 99210.

August 15-18: National Sustainable Agriculture Conference. Lincoln, NE; Hilton Hotel. Contact: Dixon Hubbard, Extension Service, USDA, Washington, DC, (202) 447-4341, FAX (202) 475-5289; or Jim Bushnell, Univ. of Neb., Lincoln, NE, (402) 472-2966, FAX (402) 472-2759.

August 18-23: Association of American Seed Control Officials Annual Meeting. Lincoln, NE. Contact: Bob E. Skaggs, (916) 322-4086.

August 19-23: 32nd North American Alfalfa Improvement Conference. Pasco, WA. Contact: James Elgin, Executive Secretary, NAAIC, USDA/ARS/PSI, Bldg. 003, Room 201, Beltsville, MD 20705.

August 20: Southern Region ECOP/ESCOP Meeting. Atlanta, GA. Contact: (202) 447-5923.

August 21: Rural Restoration Conference. Memphis, TN; Agricenter International. Contact: (202) 447-4581.

August 22-29: World Conservation Union 64th Meeting of the Species Survival Commission. Rome, Italy. Contact: IUCN/Species Survival Commission, Avenue du Mont-Blanc, 1196 Gland, Switzerland.

August 23-25: 1990 National Amaranth Symposium. St. Paul, MN. Contact: Extension Special Program, 405 Coffey Hall, University of Minnesota, St. Paul, MN 55108. (612) 625-2722, (800) 367-5363, FAX (612) 625-0286.





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Public Affairs Powwow



photo: J. Swab

Recently, the public affairs officers of the three national libraries met with NAL Director Joseph H. Howard to discuss ways in which the three libraries might work together to achieve common goals. The meeting also provided the first opportunity for the three public affairs officers to meet since the appointment of Mr. Norris last fall. (L-R) Brian Norris, Public Affairs Officer, National Agricultural Library; Robert Mehnert, Chief, Office of Inquiries and Publicity Management, National Library of Medicine; and Nancy Bush, Public Affairs Officer, Library of Congress.

AGRICULTURAL LIBRARIES INFORMATION NOTES

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provides a channel of communication to technical information specialists, librarians, extension workers, researchers, and scientists on agricultural information activities.

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Ruth Finnblade, Publications Exchange Editor.

Daniel Starr, Photographer.

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